

In the Specification

Please amend the paragraph beginning on page 3, line 20 as follows:

--Shaft 12 may be comprised of materials including, but not limited to, metals, stainless steel, nickel alloys, nickel-titanium alloys, thermoplastics, high performance engineering resins, fluorinated ethylene propylene (FEP), polymer, polyethylene (PE), polypropylene (PP), polyvinylchloride (PVC), polyurethane, polytetrafluoroethylene ~~polytetraflouroethylene~~ (PTFE), polyether block amide (PEBA), polyether-ether ketone (PEEK), polyimide, polyamide, polyphenylene sulfide (PPS), polyphenylene oxide (PPO), polysulfone, nylon, perfluoro(propyl vinyl ether) ~~perflouro(propyl vinyl ether)~~ (PFA), and combinations thereof.--

Please amend the paragraph beginning on page 7, line 4 as follows:

--Guidewire 10 may further comprise a heat shrink tube 28 coupled to shaft 12. Heat shrink tube 28 may be used to prevent proximal migration of flux 24 similar to what is described above and may provide a barrier for the prevention of proximal migration of flux 24. Heat shrink tube 28 may be comprised of polytetrafluoroethylene ~~polytetraflouroethylene~~ and coupled to shaft 12. Heat shrink 28 may remain coupled to shaft 12 after manufacturing of guidewire 10 or may be removed after manufacturing.--